

Specifications for IKONOS NASA Master Data Products

PHASE II Science Data Buy Space Imaging

Specifications	NASA Master Panchromatic (orthorectified)	NASA Master Multispectral (orthorectified)
Satellite Revisit Time at 40 degrees latitude	Std. geometric accuracy - 3 days	Prec. geometric accuracy - 6.2 days
Image GSD (at nadir)	0.82 meter	3.28 meter
Radiometric Resolution	11 – bit	11 - bit
Spectral Band Pass (pan)	450 - 900 nm	N/A
Spectral Band Pass (blue)	N/A	445 - 516 nm
Spectral Band Pass (green)	N/A	506 - 595 nm
Spectral Band Pass (red)	N/A	632 - 698 nm
Spectral Band Pass (NIR)	N/A	757 - 853 nm
Absolute Horizontal Geometric Correction Accuracy (CE90)	Std -± 12.2 meters Prec.- ± 2 meters 90% circular error	Std -± 12.2 meters Prec.- ± 5 meters 90% circular error
Absolute Vertical Accuracy	N/A	N/A
Projection/Datum	UTM/WGS-84	UTM/WGS-84

Cloud Cover	Less than 10% (Cloud cover specified by customer. Availability limited by regional cloud cover conditions.)	Less than 10% (Cloud cover specified by customer. Availability limited by regional cloud cover conditions.)
Resampling Method	Cubic Convolution	Cubic Convolution
Sidelap and Endlap	N/A	N/A